# Mountain Weather Forecast

## Peak District National Park

Forecast valid from 06:00 on Tuesday 10 Jan 2023 until 23:59 on Wednesday 11 Jan 2023

Forecast Issued on Tuesday 10 Jan 2023 at 03:36

**Confidence:** High for unsettled and often windy conditions through the next few days. Lower confidence for exact timings of weather fronts affecting the UK.

**Headline for Tuesday 10 Jan 2023:** A wet and windy day. Gales on the tops.

**Mountain weather hazards on Tuesday 10 Jan 2023**

| | | |
|---|---|---|
| **Blizzards**<br>No Likelihood | **Heavy persistent snow**<br>No Likelihood | **Storm force winds**<br>No Likelihood |
| **Gales**<br>High Likelihood | **Severe chill effect**<br>Medium Likelihood | **Poor visibility**<br>High Likelihood |
| **Thunderstorms**<br>No Likelihood | **Heavy persistent rain**<br>High Likelihood | **Strong sunlight**<br>No Likelihood |

| **Weather and chance of precipitation at 600m** | | | | | |
|---|---|---|---|---|---|
| Time | | | | | |
| 06:00 | 09:00 | 12:00 | 15:00 | 18:00 | 21:00 |
| | | | | | |
| Heavy Rain | Heavy Rain | Heavy Rain | Light rain | Heavy Rain | Light rain showers (night) |
| Precipitation probability | | | | | |
| 40% | >95% | >95% | 80% | 80% | 60% |

**Forecast for Tuesday 10 Jan 2023**

**Weather:** Rain or drizzle through most of the day, often heavy with strong winds bringing drenching conditions, but perhaps becoming lighter for a time mid-afternoon. The rain clears to showers late in the evening.

**Chance of cloud-free hill tops above 600m:** Almost zero chance during the day. 70% late evening.

**Low cloud and visibility:** Poor visibility with extensive and persistent cloud and fog above 300 or 400m for most of the day. Patchy cloud above 500m in the early hours of the morning and again late evening. Very difficult navigation conditions.

Check our weather forecast every day to get the most accurate and up to date information
http://www.metoffice.gov.uk/public/weather/mountain-forecast
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# Mountain Weather Forecast

**Forecast for Tuesday 10 Jan 2023**

| Height (m) | Wind Speed mean/gusts (mph) Wind Direction (blowing from) | | | | | | |
|---|---|---|---|---|---|---|---|
| | 06:00 | 09:00 | 12:00 | 15:00 | 18:00 | 21:00 | 00:00 |
| **600** | 23/32 S | 37/47 S | 33/43 SW | 38/51 SW | 39/52 SW | 31/42 W | 31/42 W |
| **300** | 18/26 S | 31/42 S | 26/37 S | 29/41 SW | 28/41 SW | 22/33 W | 23/33 W |
| **Valley** | 10/25 S | 17/38 SE | 14/34 S | 19/40 SW | 19/39 SW | 16/33 W | 16/34 W |

| Height (m) | Temperature / Feels Like (°C) | | | | | | |
|---|---|---|---|---|---|---|---|
| | 06:00 | 09:00 | 12:00 | 15:00 | 18:00 | 21:00 | 00:00 |
| **600** | 2/-4 | 3/-5 | 6/0 | 8/2 | 8/3 | 6/0 | 4/-3 |
| **300** | 4/-1 | 5/-2 | 8/4 | 10/6 | 10/6 | 9/4 | 6/1 |
| **Valley** | 5/1 | 5/0 | 8/5 | 10/7 | 10/7 | 9/5 | 6/2 |
| **Freezing Level*** | 900m | 2200m | 2500m | 2200m | 2000m | 1400m | 1000m |

**Level above which ground is expected to be frozen/snow is expected to settle.*

**Meteorologist's View**

Particularly unpleasant weather in the hills with heavy rain and very strong winds, especially across the west of the Peak District. Arduous walking conditions in the afternoon with gusts of 50 to 60mph above 500m.

**Recent rainfall:** measured at Cat & Fiddle: altitude 511m

| Recorded at | Last 24 hours: | Last 48 hours: | Last 72 hours: |
|---|---|---|---|
| 03:00 on Tue 10 Jan 2023 | 6mm | 7.4mm | 22mm |

**Forecast for Wednesday 11 Jan 2023**

**Weather:** Bright or clear spells and showers, these moving through quickly on the strong westerly winds but the odd one could be heavy and thundery in the afternoon. The showers will fall as sleet above 600m. A significant wind chill on the tops.

**Maximum wind:** West or Southwest 25 to 30mph with gusts of 45mph.

**Chance of cloud-free hill tops above 600m:** 70%, best chance in morning.

**Low cloud and visibility:** Mainly good visibility but poor in showers. Occasional cloud and fog above 600m, briefly falling to lower slopes in showers.

**Temperature:** **Valleys:** Plus 6 or 7C.
**At 600m:** Plus 1 or 2C.
**Freezing level:** Above summits.

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